COMMON INCIDENT COMMAND CENTER SITUATIONS

Radiological Incidents
(MAY 2006)

Potential Contacts and/or Report Distribution: (**BOLD = REQUIRED CONTACTS**)

- **Regional Office**, **DEQ Administration**, **DHSS**, **SEMA**, **EPA** ,US DOT
- Send **E-mail** in the event of ***any*** radiological incident to DEQ Director and the EER General Notifications List (January 4, 2005 memo on Guidance for EER E-Mail Messages).

Duty Officer Considerations:
- EER Response is mandatory and immediate. Advise that two responders be sent.
- EER will respond to assess the situation. DOHSS will respond promptly if the EER believes that a health threat exists.
- Contact SEMA (ED Gray 751-2748) and DOHSS (Keith Henke 751-6112) immediately.
- Refer to § 37 and § 10 of the HSERP for detailed guidance on responses to radiological incidents.
- Be sure that the EER OSC understands that DNR's action level (turn back level) is 10 mR/hr. At and above this level, the OSC is to consult with a health physicist (the DEQ/FSD Health & Safety Coordinator) to determine appropriate exposure time and whether the situation merits additional exposure.
- Keep in mind that the majority of radiological incidents in Missouri involve radiopharmaceuticals that have a relatively short half-life. In the event that the radiation detectors are activated at a landfill, these medicines (or waste products from patients) may be the cause. Instruct the caller to isolate the suspect load and allow it to "cool down" for a few days, then pass the load through the radiation detector again. If the source of the waste can be determined (e.g. a hospital), they may be required to reclaim it until it is no longer detectable by a Geiger counter.
- If a health threat exists, the DOHSS will serve as the lead agency in subsequent public health actions. If no health threat exists, EER will take the lead. Collection and analysis of samples will be according to the Missouri Nuclear Emergency Response Plan.
- For conversion of REM, micro REM, and milli REM use standard metric conversion. For example milli=1,000, micro=1,000,000.